

MEXICAN TINGITIDÆ (HEMIPTERA)

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Through the kindness of Mr. R. L. Usinger, the writer has received a small collection of Mexican Tingitidæ for study. This collection of thirty-three specimens contains eight species, three of which are described below as new. The types of the new species are in the type collection of the California Academy of Sciences. The specimens were all collected by H. E. Hinton and R. L. Usinger either in the Federal District (Mexico City) or at various localities in the District of Temascaltepec, all in the State of Mexico.

TELEONEMIA NIGRINA Champion

Real de Arriba, Temascaltepec, 1 specimen, July 14, 1933.

DICHOCYSTA PICTIPES Champion

Tejupilco, Temascaltepec, 4 specimens, June 13, 22, and 29, 1933.

CORYTHUCHA MORRILLI Osborn and Drake

Tejupilco, Temascaltepec, 1 specimen, June 17, 1933; and Mexico City, 1 specimen, July 18, 1933.

CORYTHUCHA DECEPTA Drake

Mexico City, July 19, 1933, 2 specimens; Real de Arriba, Temascaltepec, 12 specimens, July 13 and 14, 1933, 6000 to 9000 feet, on *Alnus acuminata*; village of Temascaltepec, July 11, 1933; and Bejucos, Temascaltepec, July 4, 1933.

ATHEAS NIGRICORNIS Champion

Tejupilco, Temascaltepec, 1 specimen, June 27, 1933; and Real de Arriba, Temascaltepec, 4 specimens, on Pine, June 10, 1933.

Atheas mirabilis Drake, sp. nov.

Head black, the antenniferous processes black, stout, pointed, directed slightly antero-laterally. Antennæ black, moderately stout; segment I one and one-half times as long as II; III two and one-half times as long as IV. Pronotum strongly convex,

coarsely pitted, black, the paranota, carinæ, collar and triangular process testaceous; carinæ sharply raised, indistinctly areolate, the lateral carinæ slightly bowed inward in front; collar slightly raised, reticulate, truncate in front; paranota moderately broad, biseriate in front, uniseriate opposite humeri, the areolæ circular in form; posterior process areolate, costal area testaceous, rather broad, mostly biseriate, triseriate in widest part; subcostal area infusate, biseriate; discoidal infusate, very broad, long, extending considerably beyond middle of elytra, seven areolæ deep in widest part, the outer margin curved; sutural area infusate, the apical fourth testaceous. Body beneath black. Legs yellowish brown, the tarsi dark.

Length, 2.82 mm.; width, 1.20 mm.

Holotype (male), No. 4566, C.A.S. Ent. and allotype (female) Temascaltepec, Mexico, July 11, 1933. Resembling very closely *A. nigricornis* Champion but readily separated from it by its larger size, shorter and slightly stouter antennæ, differently colored elytra, wider costal and larger discoidal areas.

Leptopharsa hintoni Drake, sp. nov.

Small, elongate. Pronotum convex, black, pitted, the posterior process reticulate, testaceous; carinæ testaceous, foliaceous, uniseriate, the areolæ moderately large, the lateral carinæ constricted beyond the disc; paranota rather narrow, reflexed, biseriate, the outer margin nearly straight, the areolæ rather large and hyaline, the nervures yellowish brown. Hood moderately large, inflated, slightly produced forward in front, testaceous, some of the veinlets brown.

Elytra constricted beyond middle, testaceous, the nervelets considerably embrowned; costal area uniseriate (type), biseriate in widest part (allotype), the areolæ rather large; subcostal area triseriate in widest part; discoidal area not reaching middle of elytra, bounded by a raised nervure, with a dark fuscous spot near apex (black on outer boundary), widest beyond middle, there four areolæ deep; sutural area becoming more widely reticulate distally, the nervelets considerably embrowned, some of the areolæ clouded with fuscous. Head black, with five very long, stout, sharp, brownish spines, the front pair shorter; antennæ very long, testaceous; segment I brown, much stouter and two times as long as II; III very long, four times as long as IV, the latter mostly black. Rostral channel wide; laminæ foliaceous, testaceous; rostrum brown, dark at tip, extending beyond middle of mesosternum. Body beneath black.

Length, 2.80 mm.; width, .72 mm.

Holotype (male) No. 4567, C.A.S., Ent., and allotype (female), Tejupilco, Temascaltepec, June 24, 1933. Allied to *L. partita* (Champ.) but readily separated from it by shorter first antennal segment, longer spines on head and narrower costal area.

Leptopharsa usingeri Drake, sp. nov.

Hood rather large, inflated, globose behind, slightly produced in front, testaceous, the veinlets considerably embrowned. Pronotum convex, black, the carinae foliaceous, testaceous, each composed of one row of rather large areolae. Paranota testaceous, broad, reflexed, mostly triseriate, the areolae rather large. Triangular projection testaceous, reticulate. Head black; median and hind spines long, slender, testaceous, porrect; front spines concolorous, much shorter. Antennae long, slender, testaceous; segment I brown, very much stouter and nearly three times as long as II, the latter slender; III very long, four and one-half times as long as IV, the latter mostly black. Rostral laminae strongly foliaceous, testaceous, widely separated; rostrum barely reaching meso-metasternal suture. Bucculae broad, testaceous, closed in front.

Elytra rather broad, faintly constricted beyond middle, testaceous, parts of some veinlets embrowned; costal area broad, mostly triseriate, quadriseriate in widest part, the areolae large; subcostal area mostly triseriate; discoidal area not reaching middle of elytra, widest beyond middle, subcostal boundary more strongly raised than discoidal, four areolae deep in widest part; sutural area widely reticulate. Legs slender testaceous.

Length, 3.80 mm.; width, 1.62 mm.

Holotype (female) No. 4568, C.A.S., Ent., and two paratypes (females), the holotype and one paratype, Temascaltepec, July 11, 1933, the other paratype, Tejupilco, Temascaltepec, June 23, 1933. This species differs from *L. praestantis* (Drake) in having much smaller hood, longer paranota, much longer carinae, and much less foliaceous median carina.

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